

Title (en)

Device comprising at least two manipulators, positioning device suitable for placing electrical components on a support and pick-up device suitable for use in such a positioning device.

Title (de)

Vorrichtung mit mindestens zwei Manipulatoren, Ausrichtvorrichtung zum Anbringen elektrischer Bauteile auf einen Träger sowie Aufnehmer zum Gebrauch in einer derartigen Ausrichtvorrichtung.

Title (fr)

Dispositif comprenant au moins deux manipulateurs, un dispositif de positionnement pour le placement de composants électriques sur un support et un dispositif de préhension à utiliser dans un tel dispositif de positionnement.

Publication

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Application

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Priority

NL 8903131 A 19891221

Abstract (en)

The invention relates to a device provided with at least two manipulators having parallel centre lines. Each manipulator is provided with an arm connected to a common coupling member. Due to the movement of the coupling member, the manipulators are rotated about the centre lines and the arms then describe paths which intersect each other. The invention further relates to a positioning device suitable for placing electrical components on a support. <IMAGE>

IPC 1-7

H05K 13/04

IPC 8 full level

B25J 5/02 (2006.01); **H05K 13/04** (2006.01)

CPC (source: EP KR US)

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Citation (search report)

- [AD] EP 0183301 A1 19860604 - PHILIPS NV [NL]
- [AD] EP 0092292 A1 19831026 - PHILIPS NV [NL]
- [A] IBM TECHNICAL DISCLOSURE BULLETIN. vol. 17, no. 7, December 1974, NEW YORK US pages 1961 - 1962; Z. Segal and T. Welnicki: "High-resolution X, Y, Z, Ö mechanism"

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Designated contracting state (EPC)

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